

## REMARKS

Reconsideration of this application, in view of the foregoing amendments and the following remarks, is respectfully requested.

### Claim Objections

Claims 1-19 are objected to because of certain informalities. These claims have been amended to remove informalities.

### Double Patenting

Claims 1-10 are provisionally rejected under the judicially created doctrine of obviousness-type double patenting as being unpatentable over claims 1-4 and 10-14 of copending Application No. 09/996,167.

Applicants respectfully offer to submit a terminal disclaimer in compliance with 37 CFR 1.321(c) upon determination of allowability of these claims.

### Claim Rejections under 35 USC § 103

Claims 1- 8 are rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art figs. 1-6 in view of Radi US Patent No. 6,594,327. Applicants respectfully traverse these rejections.

Claim 1 has been amended to recite correlating a single digital sample value with a plurality of received digital sample values to calculate a correlation value. Radi does not teach this limitation. The cited sections of Radi describe XOR operation of 8-bit data from unit 502 and each bit of FSR register 512; however, the correlation is performed using a correlation mask with comparator 540. Accordingly, amended claim 1 and those depend therefrom are clearly and patentably distinguishable from cited references.

Claims 11 and 15-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over admitted prior art figs. 1-6 in view of Radi US Patent No. 6,594,327 and further in view of Okanoue et al US Patent No. 6,738,439. Applicants respectfully traverse these rejections.

Claim 11 has been amended in the manner of claim 1, accordingly, claim 11 and those depend therefrom are patentably distinguishable from the combination of cited references for at least the same reasons as claim 1.

Applicant believes this application and the claims herein to be in a condition for allowance. Please charge any additional fees, or credit overpayment to Deposit Account No. 20-0668. Should the Examiner have further inquiry concerning these matters, please contact the below named attorney for Applicant.

Respectfully submitted,



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